Attorney Docket No. 14643-31-2-2

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: PRODUCTION OF RECOMBINANT POLYPEPTIDES BY BOVINE SPECIES AND TRANSGENIC METHODS, the specification of which ____ is attached hereto or _X was filed on November 16, 1993 as Application Serial No. 08/154,019.

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08/077,788	June 15, 1993	Patented _X Pending Abandoned
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07/619,131	November 27, 1990	Patented X Pending Abandoned
07/444,745	December i, 1989	Patented Pending _X Abandoned

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William M. Smith, Reg. No. 30,223 James M. Heslin, Reg. No. 29,541 Tracy J. Dunn, Reg. No. 34,587 Joe Liebeschuetz, Reg. No. 37,505

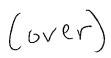
Send Correspondence to:
William M. Smith
TOWNSEND and TOWNSEND KHOURIE and CREW
Steuart Street Tower
One Market Plaza, 20th Floor
San Francisco, CA 94105

Direct Telephone Calls to: (Name, Reg. No., telephone no.)

William M. Smith Reg. No. 30,223 (415) 326-2400

		1-00	
Full Name of Inventor 1	Last Name DEBOER	First Name HERMAN	Middle Name or Initial
Residence & Citizenship	City Roelofarendsyeen	State/Foreign Country The Netherlands NLX	Country of Citizenship The Netherlands
Post Office Address	Post Office Address Sotaweg 24, 2371 GD	City Roelofarendsveen	State/Country Zip Code The Netherlands
Full Name of Inventor 2	Last Name STRUKER	First Name 2-00 REIN	Middle Name or Initial
Residence & Citizenship	City Oegstgeest	State/Foreign Country The Netherlands NLX	Country of Citizenship The Netherlands
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Full Name of Inventor 3	Last Name HEYNEKER	First Name HERBERT 3-00	Middle Name or Initial L.
Residence & Citizenship	City Hillsborough	State/Foreign Country California	Country of Citizenship U.S.A.
Post Office Address	Post Office Address 501 Roehampton Road	City Hillsborough	State/Country Zip Code California 94010
Full Name of Inventor 4	Last Name PLATENBURG	First Name GERARD	Middle Name or Initial
Residence & Citizenship	City Voorschoten	State/Foreign Country The Netherlands	Country of Citizenship The Netherlands
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Full Name of Inventor 5	Last Name LEE	First Name	Middle Name or Initial
Residence & Citizenship	City Leiden	State/Foreign Country The Netherlands	Country of Citizenship The Notherlands U. 5.A
Post Office Address	Post Office Address Fien de la Marstraat 26, 2331 HN	City Leiden	State/Country Zip Code The Netherlands
Full Name of Inventor 6	Last Name PIEPER	First Name FRANK	Middle Name or Initial
Residence & Citizenship	City Utrecht	State/Foreign Country The Netherlands	Country of Citizenship The Netherlands
Post Office Address	Post Office Address C. van Maasdijkstraat 13, 3555 VM	City Utrecht	State/Country The Netherlands
Full Name of Inventor 7	Last Name KRIMPENFORT	First Name PAUL 7-00	Middle Name or Initial
Residence & Citizenship	City Heemstede	State/Foreign Country The Netherlands	Country of Citizenship The Netherlands
Post Office Address	Post Office Address Crayenestersingel 5, 2101 AN	City Heemstede	State/Country Zip Code The Netherlands

(Page 2 of 4)





I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signatur	e of Inventor I	Signature of Inventor	Signature of Inventor 3
HERM	N A. DEBOER	REIN STRUKER	HERBERT L. HEYNEKER
Date		Date 12/20/93	Date
Signatur	e of Inventor 4	Signature of Inventor 5	Signature of Inventor 6
GERAR	D PLATENBURG	SANG HE LEE	FRANK PIEPER
Signatur	e of Inventor 7		
PAUL J	.A. KRIMPENFORT		
Date		Date	Date

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Signature of Inventor 1 HERMAN A. DEBOER	Signature of Inventor 2 REIN STRIJKER	Signature of Inventor 3 HERBERT L. HEYNEKER
Date	Date	Date // 8/47
Signature of Inventor 4	Signature of Inventor 5	Signature of Inventor 6
GERARD PLATENBURG	SANG HE LEE	FRANK PIEPER
Signature of Inventor 7		
PAUL J.A. KRIMPENFORT		
Date	Date	Date

Country	Application No.	. Date of Filing	Priority Claimed Under
PCT	PCT/US90/06874 Publ. 06/13/91 No. WO 91/08216	11/30/90	35 USC 119 Yes
Australia .	69608/91	11/30/90	Yes
Canada	2,075,206	11/30/90	Yes
EP	91.901026.4	11/30/90	Yes
Finland	923485	11/30/90	Yes
Sri Lanka	10403	11/30/90	Yes
Monaco	N/# 9006874	11/30/90	Yes
Norway	P922996	11/30/90	Yes
OAPI	PV60265	11/30/90	Yes
Russian Fed.	5052392.13	11/30/90	Yes
Canada	90109733.0	12/01/90	Yes
Indonesia	P-001607	01/21/92	Yes
India	1037/CAL/90	12/18/90	Yes .
Malaysia	PI 9002116	11/30/90	Yes
New Zealand	236310	12/03/90	Yes
Pakistan	498 /90	12/01/90	Yes
Philippines	41666	05/30/90	Yes
Taiwan	79110238	12/05/90	Yes
PCT	PCT/US93/05724	6/15/93	Yes

AMA 8/27/99

			Priority Claimed Under
Country	Application No.	Date of Filing	35 USC 119
PCT	PCT/US90/06874 Publ. 06/13/91, No. WO 91/08216	11/30/90	Yes
Australia	69608/91	11/30/90	Yes
Canada	2,075,206	11/30/90	Yes
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31-2-2.DEC

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	Malaysia	PI 9002116	11/30/90	Yes
	New Zealand	236310	12/03/90	Yes
	Pakistan	498/90	12/01/90	Yes
	Philippines	41666	05/30/90	Yes
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31-3-2.DEC

Page 4 of 4

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Send Correspondence to:
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TOWNSEND and TOWNSEND KHOURIE and CREW
Steuart Street Tower
One Market Player 20th Floor

One Market Plaza, 20th Floor San Francisco, CA 94105 Direct Telephone Calls to: (Name, Reg. No., telephone no.)

William M. Smith Reg. No. 30,223 (415) 326-2400

	· · · · · · · · · · · · · · · · · · ·		
Full Name of Inventor 1	Last Name DEBOER	First Name HERMAN	Middle Name or Initial A.
Residence & Citizenship	City Roelofarendsveen	State/Foreign Country The Netherlands	Country of Citizenship The Netherlands
Post Office Address	Post Office Address Sotaweg 24, 2371 GD	City Roelofarendsveen	State/Country Zip Code The Netherlands
Full Name of Inventor 2	Last Name STRIJKER	First Name REIN	Middle Name or Initial
Residence & Citizenship	City Oegstgeest	State/Foreign Country The Netherlands	Country of Citizenship The Netherlands
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Full Name of Inventor 3	Last Name HEYNEKER	First Name HERBERT	Middle Name or Initial
Residence & Citizenship	City Hillsborough	State/Foreign Country California	Country of Citizenship U.S.A.
Post Office Address	Post Office Address 501 Roehampton Road	City Hillsborough	State/Country Zip Code California 94010
Full Name of Inventor 4	Last Name PLATENBURG	First Name GERARD	Middle Name or Initial
Residence & Citizenship	City Voorschoten	State/Foreign Country The Netherlands	Country of Citizenship The Netherlands
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Fuil Name of Inventor 5	Last Name LEE	First Name Sang	Middle Name or Initial He
Residence & Citizenship	City Leiden	State/Foreign Country The Netherlands	Country of Citizenship The Netherlands
Post Office Address	Post Office Address Fien de la Marstraat 26, 2331 HN	City Leiden	State/Country Zip Code The Netherlands
Full Name of Inventor 6	Last Name PIEPER	First Name FRANK	Middle Name or Initial
Residence & Citizenship	City Utrecht	State/Foreign Country The Netherlands	Country of Citizenship The Netherlands
Post Office Address	Post Office Address C. van Maasdijkstraat 13, 3555 VM	City Utrecht	State/Country Zip Code The Netherlands
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lesidence & litizenship	City Hee mstede	State/Foreign Country The Netherlands	Country of Citizenship The Netherlands
ost Office address	Post Office Address Crayenestersingel 5, 2101 AN	City Heemstede	State/Country Zip Code The Netherlands

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Fuli Name	Last Name	First Name	Middle Name or Initial
of Inventor 1	DEBOER	HERMAN	
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Post Office	Post Office Address	City	State/Country Zip Code The Netherlands
Address	Sotaweg 24, 2371 GD	Roelofarendsveen	
Full Name	Law Name	First Name	Middle Name or Initial
of Inventor 2	STRLYKER	REIN	
Residence & Citizenship	City Oceangeest	State/Foreign Country The Netherlands	Country of Citizenship The Nethertands
Post Office	Post Office Address	City	State/Country Zip Code The Netherlands
Address	Spaargarenstraat 2, 2341 JW	Oegstgeest	
Full Name	Last Name	First Name	Middle Name or Initial
of Inventor 3	HEYNEKER	HERRERT	
Residence &	City	State/Foreign Country	Country of Citizenship U.S.A.
Citizenship	Hillshorough	California	
Post Office	Post Office Address	City	State/Country Zip Code California 94010
Address	501 Roshmunton Road	Hillsborough	
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Address	Wijngaardenlaan 56, 2252 XR	Voorschoten	
Full Name of Inventor 5	Last Name	First Name 5-00 Same	Middle Name or Initial
Residence & Citizenship	City Laiden	State/Foreign Country The Netherlands NL	Country of Citizenship 51
Post Office	Post Office Address	City	State/Country Zip Code The Netherlands
Address	Fien de la Marstrant 26, 2331 HN	Leiden	
Full Name of Inventor 6	Last Name PIPPER	First Name 6-00	Middle Name or Initial
Residence & Cltizenship	City Utrecht	State/Foreign Country The Netherlands NL+	Country of Citizenship The Netherlands
Post Office Address	Post Office Address C. van Mansdijkstraat 13, 3555 VM	City Utrecht	State/Country Zip Code The Netherlands
Full Name	Las Name	First Name	Middle Name or Initial
of Inventor 7	KRIMPENFORT	PAUL	
Residence & Itizenship	City Heemstede	State/Foreign Country The Netherlands	Country of Citizenship The Netherlands
ost Office	Post Office Address	City	State/Country Zip Code The Netherlands
Address	Crayenestersingel 5, 2101 AN	Heemstede	

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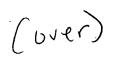
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Philippines	41666	05/30/90	Yes
Taiwan	79110238	12/05/90	Yes
PCT	PCT/US93/05724	6/15/93	Yes
		•	

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